

Fire Performance – CPI Daylighting Translucent Systems

Pentaglas is a fire retardant material. When subject to a fire, the material will melt away forming a venting hole through which smoke, heat and gases escape. Pentaglas is a non-aggressively burning material with low smoke development, available in CC1 or CC2 classifications.



Approved Light Transmitting Plastics Fire Test Performance Meets Building Code Requirements:

Self-Ignition
Smoke Density of Plastics
Burning Extent

ASTM 1929-3
ASTM D-2843
ASTM D-635

1120 Degrees F
54%
CC1 Rating

Interior Flame Spread Classifications:

Interior Flame Spread

ASTM E-84
UL 723

Class A Classification
Class A Classification

Quadwall[®] “Class A, B & C” Roof Assembly and Roof Covering

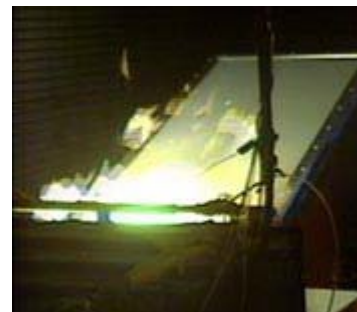
Fire-Rated Roof Construction

ASTM E-108

Class A, B & C
Listing Available



ASTM E-108
Burning Brand Test on
Quadwall “Class A”



ASTM E-108
Flame Spread Test On
Quadwall “Class A”



For additional details about special Quadwall[®] panel systems that are recognized as Class A, Class B or Class C Fire Rated Roof Construction, see the “Fire Rated Systems” section of our Technical Information page on the web site.